

Appln. No. 09/867,831
RCE dated June 1, 2005
Reply to Office Action of March 1, 2005
Docket No. 6169-225

IBM Docket No. BOC9-2000-0092

Amendments to Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A method of directly changing a telecommunication service attribute comprising:
 - providing a plurality of selections embodied in a hypermedia document, said plurality of selections corresponding to a telecommunication service attribute associated with a telecommunication subscriber;
 - receiving a user specified selection in said hypermedia document;
 - generating a service logic execution environment (SLEE) compatible event based on said user selection, said event being of a type for which a service component within said SLEE has been registered in said SLEE to receive; and
 - routing said event to said service component via said SLEE, said service component processing said event and updating service attribute information corresponding to said service attribute consistent with said event, wherein a change in a telecommunication service corresponding to the service attribute results from the updating step, and wherein subsequent to the change, the telecommunication subscriber experiences different service behavior whenever the telecommunication subscriber utilizes the telecommunication service through a phone, said different service behavior corresponding to the updated service attribute information, wherein ~~the telecommunication service is available to an associated telecommunication subscriber through a phone.~~

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2. (Currently Amended) The method of claim 1, further comprising receiving an acknowledgment event from said service component, and wherein said hypermedia document provides a common interface available to the telecommunication subscriber and to service provider personnel.

3. (Currently Amended) A method of directly changing a service attribute corresponding to a service component through a hypermedia document, said hypermedia document providing an interface to a service logic execution environment (SLEE), said method comprising:

registering said service component with said SLEE for receiving a SLEE compatible event generated by said hypermedia document;

receiving said event, said event being posted to said SLEE; and

updating service attribute information corresponding to said service attribute in said service component, said service attribute being associated with a telecommunication subscriber, said updating of service attribute information being consistent with said received event, wherein a change in a telecommunication service corresponding to the service attribute results from the updating step, and wherein subsequent to the change, the telecommunication subscriber experiences different service behavior whenever the telecommunication subscriber utilizes the telecommunication service through a phone, said different service behavior corresponding to the updated service attribute information, and wherein the service component includes necessary functionality for performing the updating step without accessing a database external to said service component, wherein the telecommunication service is available to an associated telecommunication subscriber through a phone.

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4. (Currently Amended) The method of claim 3, further comprising routing an acknowledgment event from said service component to a location in a computer communications network containing said hypermedia document, wherein said hypermedia document provides a common interface available to the telecommunication subscriber and to service provider personnel.

5. (Currently Amended) A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

providing a plurality of selections embodied in a hypermedia document, said plurality of selections corresponding to a telecommunication service attribute associated with a telecommunication subscriber, said service attribute corresponding to a service component executing in a service logic execution environment (SLEE), and said hypermedia document providing an interface to said SLEE;

receiving a user specified selection in said hypermedia document;

generating a service logic execution environment (SLEE) compatible event based on said user selection, said event being of a type for which a service component within said SLEE has been registered in said SLEE to receive; and

routing said event to said service component via said SLEE, said service component processing said event and updating service attribute information corresponding to said service attribute consistent with said event, wherein a change in a telecommunication service corresponding to the service attribute results from the updating step, and wherein subsequent to the change, the telecommunication subscriber experiences different service behavior whenever the telecommunication subscriber utilizes the telecommunication service through a phone, said different service behavior corresponding to the updated service attribute information, wherein

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~~the telecommunication service is available to an associated telecommunication subscriber through a phone.~~

6. (Currently Amended) The machine readable storage of claim 5, further comprising receiving an acknowledgment event from said service component, and wherein said hypermedia document provides a common interface available to the telecommunication subscriber and to service provider personnel.

7. (Currently Amended) A machine readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

registering a service component with a service logic execution environment (SLEE) for receiving a SLEE compatible event generated by a hypermedia document, said hypermedia document providing an interface to said SLEE;

receiving said event, said event being posted to said SLEE; and

updating service attribute information corresponding to said service attribute in said service component, said service attribute being associated with a telecommunication subscriber, said updating of service attribute information being consistent with said received event, wherein a change in a telecommunication service corresponding to the service attribute results from the updating step, and wherein subsequent to the change, the telecommunication subscriber experiences different service behavior whenever the telecommunication subscriber utilizes the telecommunication service through a phone, said different service behavior corresponding to the updated service attribute information, and wherein the service component includes necessary functionality for performing the updating step without accessing a database external to said service component. ~~wherein the~~

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~~telecommunication service is available to an associated telecommunication subscriber through a phone.~~

8. (Currently Amended) The machine readable storage of claim 7, further comprising routing an acknowledgment event from said service component to a location in a computer communications network containing said hypermedia document, wherein said hypermedia document provides a common interface available to the telecommunication subscriber and to service provider personnel.

9. (Previously Presented) The method of claim 1, wherein said user is said associated telecommunication subscriber.

10. (Previously Presented) The method of claim 1, wherein said user is an agent of a service provider that provides the telecommunication service.

11. (Previously Presented) The method of claim 1, further comprising the steps of:

presenting the user viewing the hypermedia document with subscriber information for the telecommunication subscriber.

12. (Previously Presented) The method of claim 11, the presenting step further comprising:

presenting the user with current real-time usage measurements for the telecommunication service.

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13. (Previously Presented) The method of claim 1, further comprising:
presenting the user viewing the hypermedia document with lifecycle management information relating to the service component.
14. (Previously Presented) The method of claim 1, further comprising:
presenting the user viewing the hypermedia document with lifecycle management information relating to the service component.
15. (Previously Presented) The machine readable storage of claim 5, wherein said user is said associated telecommunication subscriber.
16. (Previously Presented) The machine readable storage of claim 5, wherein said user is an agent of a service provider that provides the telecommunication service.
17. (Previously Presented) The machine readable storage of claim 5, further comprising the steps of:
presenting the user viewing the hypermedia document with subscriber information for the telecommunication subscriber.
18. (Previously Presented) The machine readable storage of claim 17, the presenting step further comprising:
presenting the user with current real-time usage measurements for the telecommunication service.
19. (Previously Presented) The machine readable storage of claim 5, further comprising:

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presenting the user viewing the hypermedia document with lifecycle management information relating to the service component.